

4.7 Microwave Humidity (MWH)

EOSDIS Product Code: CERX13

The external ancillary data product, Microwave Humidity (MWH), is input to the CERES Regrid Meteorological, Ozone, and Aerosol Data Subsystem. The MWH is the source of the column precipitable water as measured by the Spectral Sensor Microwave/Imager (SSM/I) microwave instrument. These data have a 0.5° latitude x 0.5° longitude horizontal resolution. The column precipitable water data are stored on the MOA files in their original resolution to conform with CERES processing requirements. MWH file size is shown in [Table 4.7-1](#).

Level: 3

Type: Ancillary

Frequency: Daily

Portion of Globe Covered

File: Global

Record: One region

Time Interval Covered

File: Daily

Record: Daily

Portion of Atmosphere Covered

File: Total column

Table 4.7-1. MWH File Sizes

| Source | Size (Daily) |
|---|--------------|
| Global Hydrology Resource Center (GHRC) | 2.14 MB |

MWH Revision Record

The product Revision Record contains information pertaining to approved section changes. The table lists the date the Software Configuration Change Request (SCCR) was approved, the Release and Version Number, the SCCR number, a short description of the revision, and the revised sections. The authors are listed on the document cover.

MWH Revision Record

| SCCR Approval Date | Release/ Version Number | SCCR Number | Description of Revision | Section(s) Affected |
|-----------------------------------|--|------------------------|--|--------------------------------|
| N/A | R3V1 | N/A | • Updated format to comply with standards. | All |